

✓ Experiences with the Use of Factory-made Crucibles for High-Temperature Furnaces. V. Batěk and V. Muzka EE
(Stalovarna, 1964, 2, (12), 334-335) [In Czech] The construction and design of the crucibles, replacing works in metal containers, for use in 260- and 800-kg. furnaces, are described. The crucibles were found better and more economical in use.

Handwritten signature ①

HRUSKA, V.

"A study of the feeding habits of the roach in the Poltruba Pool."

p. 161 (Universitas Carolina. Biologica) Vol. 2, no. 2, 1956
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

HRUSKA, Vaclav, podplukovník dr.; TOCÍK, Michal, podplukovník dr.;
Technická spolupráce: KOVÁŘOVÁ, Marcela; HAHA, Milošlav

Fungicidal effect of peracetic acid on meat microflora. Voj.
zdrav. listy 34 no.5:215-217 0 '65.

Possible use of peracetic acid in fruit and vegetable dis-
infection. Ibid.:217-220

1. Hygienicko-epidemiologický oddíl Plzeň.

HRUSKA, V.

Influence of toxic substances on bone-marrow cultures.
L. Domes and V. Hruska (Charles Univ., Prague). *Slovak Lab. of Hyg.* 200-202 (1953).--The toxic effects of neoarsphenamine (I), neosalvarsan, neotriarsenon, syntharsen, sulfotriarsenon, rhodarsen, arsaphen (II), bis(chloroethyl)amine (III), tris(chloroethyl)amine [the N mustard] (IV), urethan (V), aminopyrine (VI), sulfathiazole, diacid, dipion, sulfadiazine (VII), penicillin (VIII), streptomycin (IX), dihydrostreptomycin (X), Aureomycin (XI), and chloromycetin (XII) were investigated in a total of 1204 cultures *in vitro*. Of the arsenobenzene derivs. the greatest toxicity was shown by I (41.6% suppression of growth at 1 mg % concn.), the least by II (no effect at 1 mg %). III is less toxic than I (at 0.01 mg %); IV 20% suppression; V did not inhibit under 10 mg.%. VI inhibited completely at 10 mg % and by 31.6% at 1 mg %. The least

...of the ...
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...of the ...

HRUSKA, Vladimir, MUDr

Primary cardiac amyloidosis. Cas. lek. cesk. 93 no.38:1036-1041
17 Sept 54.

1. Z III. interni kliniky Karlovy university v Praze, prednosta
prof. Dr Josef Charvat.

(HEART,
amyloidosis)
(AMYLOIDOSIS,
heart)

HRUŠKA, V.

EXCERPTA MEDICA Sec.3 Vol.9/11 Endocrinology Nov.55

2085. KÜCHEL O. and HRUŠKA V. III. intern. Klin. Karlovy Univ., Praha.
*Příspěvek ke klinice thyreotoxikosis ve stáří. A contribution to the
clinical course of thyrotoxicosis in old age ČAS.LŠK.
ČES. 1954, 93/49 (1337-1339)

Describing 2 cases, the authors point out the different course of senile thyrotoxicosis where, especially the pigmentation, the loss of body weight and the myasthenia without exophthalmos and goitre would suggest the diagnosis of Addison's disease. In doubtful cases they recommend trying treatment with methylthiouracil. Alkron (3 tablets daily) with sedatives proved successful.

Hora - Brno (VI, 3)

HRUSKA, Vladimir, MUDr; KUCHEL, Otto, MUDr

Notes on the most common mistakes in hormone therapy. Prakt.lek.,
Praha 35 no.8:177-180 20 Apr 55.

1. Z III. interni kliniky Karlovy university v Praze, prednosta
akademik Josef Charvat.

(HORMONES, therapeutic use,
indic. & mistakes)

HRUSKA, Vladimir, MUDr

Contribution to the diagnosis of pheochromocytoma. Cas. lek.
cesk. 94 no.1-2:13-17 7 Jan 55.

1. III. interni klinika Karlovy university v Praze; prednosta
prof. dr. Josef Charvat.

(PARAGANGLIOMA
pheochromocytoma, diag.)

HRUSKA, Vladimír, MUDr, Praha 2, U nemocnice 2.

Diagnosis of hypertension with piperidylmethylbenzodioxane Spofa
Cas.lek.cesk. 95 no.35:956-966 31 Aug 56.

1. III. interni klin. Karlovy univ. v Praze, predn. akad.
J.Charvat

(PHEOCHROMOCYTOMA, diag.

piperidylmethylphenyldioxane test (Cz))

(HETEROCYCLIC COMPOUNDS, eff.

piperidylmethylphenyldioxane test, diag. of
pheochromocytoma (Cz))

HRUŠKA, V.

EXCERPTA MEDICA Sec.18 Vol.1/4 Cardiovascular Apr 57

1900. HRUŠKA V. and JEMELKOVÁ L. 3. Int. Klin., Karlovy Univ., Praha. Bezbolestný infarkt myokardu *Painless myocardial infarction* Cas. Lék. čes. 1956, 95/48 (1332—1336)

The authors point out that one clinical form of acute myocardial infarction pursues a painless course. In reviewing patients during the year 1953, they found that 21 % of patients with acute myocardial infarction had a painless course. For illustration 4 case histories of patients with diverse clinical courses are outlined. Current theories offered in explanation of the absence of pain are cited. The various clinical forms of acute myocardial infarction are described. In conclusion current opinions as to the causes of painless infarction are evaluated, and the authors indicate when it is necessary to bear in mind the possibility of painless acute myocardial infarction.

(XVIII, 6*)

HRUSKA, Vladimir, MUDr.; BROZ, Otto, MUDr.

Fatal pseudomembranous staphylococcal enteritis caused by antibiotics used during intestinal surgery. Rozhl. chir. 36 no.1:43-48 Jan 57.

1. Chir. odd. KUNZ liberec, prosektura KUNZ Liberec.

(COLON, neoplasms

surg. with antibiotics causing fatal pseudomembranous micrococcal enteritis (Cx))

(ENTERITIS, etiol. & pathogen.

antibiotics causing fatal pseudomembranous micrococcal enteritis in surg. for cancer of colon (Cx))

(ANTIBIOTICS, inj. eff.

fatal pseudomembranous micrococcal enteritis in surg. for cancer of colon (Cx))

(MICROCOCCAL INFECTIONS, etiol. & pathogen.

fatal pseudomembranous enteritis caused by antibiotics in surg. for cancer of colon (Cx))

U

Country : CZECHOSLOVAKIA
Category : General Problems of Pathology. Tumors. Comparative Oncology. Human Tumors
Abs. Jour. : Ref Zhur-Biol, 1959, No 4, 18413
Author : Hruska, V.; Zahor, Z.
Institut. : -
Title : Malignant Metastasizing Chromaffinoma
Orig Pub. : Casop. lekaru ceskych, 1957, 96, No 32, 1007-1013
Abstract : A rare case of malignant chromaffinoma with metastases into the para-aortic lymph nodes and secondary malignant nephrosclerosis in a 35-year-old female patient is described. An excessive secretion of adrenalin-like substances was responsible for disorder of the diuresis, hyperglycemia without glycosuria, seizures of palpitations, tachycardia, increased B. P., etc. Bibliography 29 titles.-- A. I. Ashkenazi
Card: 1/1

VYSKOCIL, Jaroslav; HRUSKA, Vladimir

2 cases of intestinal invagination in adults. Cesk. rentg. 12 no.3:
199-203 Sept 58.

1. Ustr. rtg odd. (prim. MUDr. J. Vyskocil) a chir. odd. (prim. MUDr.
Vl. Drasnar) KUNZ Liberec. J. V., Brrzova alej 16, Liberec I.
(INTUSSUSCEPTION, case reports
(Cz))

HRUSKA, Vladimir; HUBICKA, Emanuel

Traumatic pneumocephalus. Rozhl. chir. 38 no.6:407-412 June 59

1. Chirurgické oddelení KUNZ v Liberci, primář MUDr. V. Drašnar.
Chirurgické oddelení OUNZ v Turnově, primář MUDr. A. Pavlíček.
(BRAIN, dis.) (SKULL, fract.)

HRUSKA, Vladimir; SEDIACEK, Jaroslav

Contribution to the pathology of Meckel's diverticulum. Rozhl.
chir. 34 no.2:110-117 F '60.

1. Chirurgické odd. KUNZ Liberec, přednosta MUDr. V. Drasnar;
klinika plastické chirurgie KU Praha, přednosta akademik F. Barian.
(MECKEL'S DIVERTICULUM compl.)

HRUSKA, Vladimir; KREJCI, Daniel

Pheochromocytoma with unusual neurological and psychic symptomatology.
Cesk. neur. 24 no.4:265-272 JI '61.

1. Statni sanatorium v Praze 5, reditel MUDr. F. Zavodny.

(PHEOCHROMOCYTOMA diagn)
(NEUROLOGIC MANIFESTATIONS)
(HALLUCINATIONS)
(ELECTROENCEPHALOGRAPHY)

HRUSKA, Vladimir; VITEK, Dionysius; PAVELKA, Bohuslav

Lipomas of the stomach. Rozhl. chir. 41 no.2:115-122 F '62.

1. Chirurgicke odd. OUNZ v Jablonci n. N., prednosta dr. V. Hruska
Chirurgicke odd. nemocnice OUNZ Decin v Ceske Kamenici, prednosta dr.
D. Vitek Rentgenologicke odd. polikliniky OUNZ v Liberci, prednosta
dr. B. Pavelka.

(STOMACH NEOPLASMS surg) (LIPOMA surg)

KOCANDRLE, V.; HRUSKA, V.; VYSKOCIL, J.; BERAN, J.

Contribution to the problem of regional enteritis. Rozhl. chir. 41
no.2:98-106 F '62.

1. Chirurgické oddelení OUNZ v Liberci, přednosta MUDr. J. Drasnar
Chirurgické oddelení OUNZ v Jablonci n. N., přednosta MUDr. V. Hruska
Ústřední rtg oddelení OUNZ v Liberci, přednosta MUDr. J. Vyskocil.

(ILEITIS REGIONAL surg)

CZECHOSLOVAKIA

HRUSKA, V., State Sanatorium, Prague, F. ZAVODNY, MD, director;
and DUCHON, J., Second Institute for Medical Chemistry (II. ustav
pro lecarskou chemii), Faculty of General Medicine (Fakulta
vseobecneho lekarstvi), Charles University, Prague, Prof Dr. J.
SULA, director.

"3-Methoxy-4-Hydroxymandelic Acid in the Diagnosis of Pheochromocytoma"

Prague, Casopis Lekarů Ceskych, Vol CII, No 35, 30 August 63,
pp 962-967.

Abstract [Authors' English summary, modified]: The estimation of 3-methoxy-4-hydroxymandelic acid or vanillmandelic acid in the urine is a new method in the pheochromocytoma diagnosis. Laboratory technique is described and normal and pathological values stated. The new test should be evaluated in connection with the clinical picture, the pharmacological tests, and other radiological and laboratory examinations. Fifty references, including 1 Czech.

1/1

L 61563-65 EWT(d)/EWT(m)/FA/FA(b)/T-2/EWP(h)

ACCESSION NR: AP3014340

CZ/0086/65/000/011/0358/0360

AUTHOR: Vasak, J.; Mraska, Vi.

TITLE: The "Blanik" XL-13M with auxiliary engine

13
B

SOURCE: Letectvi - kosmonautika, no. 11, 1965, 358-360

TOPIC TAGS: powered glider, sailplane, auxiliary engine

ABSTRACT: In the summer of 1963, Engineer V. Printa and a group at the Letmany Aeroclub near Prague conceived the idea of equipping a modern sailplane with an auxiliary engine to facilitate starting and to bring the glider home after long flights. They chose the Blanik XL-13 M and the Walter A, an inverted 2-cylinder.

the L-13, and runs on the ground at about 10 km/hr. It climbs 1.6 m/sec. after

Card 1/2

L 61563-65

ACCESSION NR: APS014340

takeoff, cruises 100 km/hr. at 2200 rpm, attains a maximum speed of 120 km/hr. at 2550 rpm, and consumes 10 liters of gasoline per hour at 2200 rpm. Orig. art. has: 6 figures.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: AC

NO REF SOV: 000

OTHER: 000

Card 2/2

RADOJKOVIC, Milan, ing., prof. (Beograd); NISKOVIC, St., ing. (Beograd);
HRIBAR, J., ing., prof. (Zagreb); HRUSKA-BOZICEK, Bozana, ing. (Zagreb);
SAUPAN, L., ing. (Maribor); FERUSIC, Seid, ing. (Sarajevo)

Welding and related techniques in maintenance and repair. Zavarivac
no. 4:13-22 '52

1. Glavni i odgovorni urednik, "Zavarivac" (for Radojkovic.)
2. Clan Urednistva, "Zavarivac" (for Ferusic.)

RIEDL, O.; HRUSKOVA, J.; STUCHLIKOVA, E.; KOMARKOVA, A.; NOVOTNA, ~~.....~~
BLAZKOVA, B.; TENOROVA, M.; RENNER, J.; SPALA, M.; TVAROH, F.;
Technical Assistance: ATANASOVOVA, J.; TRUKOVA, R.

Treatment of obesity with caprolactam. Rev. Czech. med. 9
no.3:167-182 '63.

1. Fourth Medical Clinic, Faculty of General Medicine, Charles
University, Prague. Director: Prof. M. Fucik, M.D. Central
Laboratory, Faculty Hospital, Prague. Director: Dr. J. Hrabane
Institute for General and Experimental Pathology, Faculty of
General Medicine. Director: Prof. J. Hepner, M.D. Endocrino-
logical Department, University Health Centre, Regional Institute
of National Health, Central Bohemian Region. Director: Doc.
F. Tvaroh, M.D.

(OBESITY) (AMINOCAPROIC ACID)
(PYRUVATES) (CITRATES) (LACTATES)

RIEDL, O.; HRUSKOVA, J.; STUHLIKOVA, E.; KOMARKOVA, A.; NOVOTNA, B.;
TENOROVA, M.; RENNER, J.; TVAROH, Fr.; ATANASOVVA.

Effect of caprolactam on the metabolism in obese subjects and
preliminary observations on the treatment of obesity. Sborn.
lek.62 no.12:338-349 D '60.

1. IV. interni klinika fakulty vseobecneho lekarstvi University
Karlovy v Praze, prednosta prof.dr. M.Fucik; Centralni laboratore
fakultni nemocnice v Praze 2, prednosta dr. J.Hrabane; Endokrino-
logicke oddeleni FZS - KUNZ - KNV Praha, vedouci doc.dr. Fr.Tvaroh.
(OBESITY ther)
(HETEROCYCLIC COMPOUNDS ther)

HRUSKOVA, J.; STUHLIKOVA, E.; MLATECKOVA, V.; KOTORA, O.; POKORNY, J.;
RIEDL, O.; Statisticka spoluprace: SPALA, M.

Effect of obesity and age on the carbohydrate metabolism. Cesk.
gastroent. vyz. 19 no.5:273-279 J1 '65.

1. IV. interni klinika fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta prof. dr. M. Fucik).

RIEDL, O.; HRUSKOVA, J.; STUHLIKOVA, E.; SPALA, M.; TVAROH, F.;
ATANASOVOVA, J.; TRUKOVA, R.

Clinical experiences in the treatment of obesity with
caprolactam. Sborn. lek. 65 no.5:133-141 My '63.

1. IV interni klinika fakulty vseobecneho lekarstvi University
Karlovy v Praze, prednosta prof. dr. M. Fucik Ustav pro
vseobecnou a pokusnou patologii fakulty vseobecneho lekarstvi
University Karlovy v Praze, prednosta prof. dr. J. Hapner
Endokrinologicke oddeleni fakultni polikliniky KUNZ Stredo-
ceskeho kraje, vedouci doc. dr. F. Tvaroh.
(OBESITY) (APPETITE DEPRESSANTS)

HRUSKOVA, Jaroslava

Transverse oscillations produced at collision of two plasma streams. *Studia geophys* 8 no.4:347-351 '64.

1. Institute of Geophysics of the Czechoslovak Academy of Sciences, Prague 4 - Sporilov, Bocni II.

STUCHLIKOVA, E.; HRUSKOVA, J.; MLATECKOVA, V.; KREJCIK, L.; HRUZA, Z.;
JELINKOVA, M.

Effect of heparin on the non-esterized fatty acid level in the obese in relation to age. Cesk. gastroent. vyz. 19 no.5:267-272 J1 '65.

1. IV. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. M. Fucik) a Fyziologicky ustav Ceskoslovenske akademie ved v Praze.

L 08676-67 FCC
ACC NRQT6016650

SOURCE CODE: CZ/2512/67/012/000/0463/0278

1/4
1/2

AUTHOR: Hruskova, Jaroslava

ORG: Geophysical Institute of the Czechoslovak Academy of Sciences, Prague
(Geophysikalisches Institut der Tschechosl. Akad. d. Wiss.)

TITLE: Statistical investigation of the reflection coefficient in the case of oblique incidence of radio waves

SOURCE: Ceskoslovenska akademie ved. Geofysikalni ustav. Geofysikalni sbornik, v. 12, 1964. Prague, 1965. Prace, no. 196-214, 463-478

TOPIC TAGS: ionosphere, ionospheric disturbance, reflected signal, solar eclipse, radio wave, electromagnetic wave, electromagnetic wave reflection

ABSTRACT: This study is concerned with the statistical treatment of reflection coefficient values of electromagnetic waves of 245 and 272 kc frequency, respectively, measured at the Ionospheric Observatory of the Geophysical Institute, Pruhonic (Ionospharisches Observatorium des Geophysikalischen Instituts) in 1957-63. Data from the ionospheric observatories at Kuhlungsborn and Collm, both in the GDR, were also used. The reflection coefficient measurements were carried out during the solar eclipse of Feb. 15, 1961. The evaluation of this data made possible interesting conclusions concerning the structure of the lower ionosphere. It was found that the

Card 1/2

L 08676-67

ACC NR: AT6016650

2,
lower ionosphere is affected by short time deviations from normal conditions. On the other hand, this is manifested in the case of isolated disturbances, and on the other in the trail of solar eclipses. The geographic position of the point of reflection also plays its role and even the time of the year. "I am indebted to Prof. E. A. Lauter, Director of the Observatory for Ionospheric Research, GDR (Observatorium fur Ionospharenforschung in Kuhlungsborn) for encouragement and generous advice." Orig. art. has: 10 figures and 4 tables.

SUB CODE: 30,03,08/ SUBM DATE: 26Feb64/ ORIG REF: 002/ SOV REF: 002/ OTH REF: 009

Card 2/2 11/64

GETLIK, A.; HRUSKOVIC, I.

Therapy of allergic diseases with a combination of
gamma-globulin and histamine (histaglobin). Cesk.
pediat. 20 no.11:957-963 N '65.

1. Pediatricka katedra Ustavu pre dalsie vzdelavanie
lekarov a farmaceutov v Trencine (veduci MUDr. A. Getlik).

HRUSKOVIC, L.

Selecting optimum geometric dimensions for electric machines, p. 133. (Strojnoelektrotechnicky Casopis. Bratislava, Vol. 5, No. 2, 1954)

SO: Monthly list of East European Accessions, (EEAL), LC Vol 4, No.6, June 1955, Uncl

HRUCKAVIC, I.

Apparatus for equalization of pressure in a knuckle-type press; also, remarks by M. Krupica. p. 265. STROJIRENSKA VYROBA. (Ministerstvo strojirenstvi) Praha. Vol. 4, No. 6, June 1956.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

HRUSKOVIC, Miloslav, inz.

In anticipation of the 12th Congress of Communist Party of Czechoslovakia.
Zvaranie 11 no.11:297-298 N '62.

1. Riaditel, Vyskumny ustav zvaracsky, Bratislava.

HRUSKOVIC, Miloslav, inz.

New ways of the Czechoslovak economy. Zvaranie 14 no.1:1-2 Ja '65.

1. Director of the Research Institute of Welding, Bratislava.

HRUSKOVIC, Miloslav, inz.

Prospects of development of welding engineering. Zvaranie
13 no. 1:1-2 Ja '64.

1. Riaditel, Vyskumny ustav zvaracsky, Bratislava.

JINÁČEK, Milan, pracovní režim, 1948-1950, Simba, inz.; OCLNOS,
Banská Štýřnice.

Problems of survey and use of limonite-quartzites from central
Slovakia. Geol průzkum 6 no.10:294-296 O '64.

L. Geologický prieskum National Enterprise, Žilina.

HRUSKY, V., MUDr.; KONRAD, Jan, MUDr.

Contribution to the diagnosis of pheochromocytoma. Cas. lek.
cesk. 94 no.26:719-721 24 June 55.

1. Primar int. oddeleni OUNZ, Turnov.
(PARAGANGLIOMA
pheochromocytoma, diag.)

HRUSOVSKY, Jan, inz.; SELLNER, Karel, inz.

Analysis of the performance results of the M 262. 0 series
motor cars. Zel dop tech 12 no.9:227-229 '64.

SELMER, Karel, inz.; HRUSOVSKY, Jan, inz.

Experiences in operating the T 495.0 series locomotives.
Zel dop tech 12 no.6:149-151 '64.

HRUSOVSKY, Jan, inz.

Turning of tires of wheel sets of traction vehicles without
demounting. Zeldop tech 13 no.2:35-37 '65.

HUBSOVSKY, Jan, inz.

Prospect of wheel set turning from a working pit by the
Czechoslovak State Railroads. Zel dop tech 13 no.3:61-
63 '65.

Hrusovsky Jozo

Czechoslovakia/Diseases of Farm Animals. Toxicoses R-3

Abs Jour : Ref Zhur-Biol., No 2, 1958, 2780

Author : Hrusovsky Jozo

Inst : Not given

Title : On the Intoxication of Domestic Animals by Barium

Orig Pub : Veterinarstvi, 1957, 7, No 4, 118

Abstract : Two cases of intoxication of piglets (44) and horses (24) are described. Seven of the animals died. The reason for the intoxication was barium chloride which was added to the feed instead of NaCl.

Card 1/1

Trends in the development of chemical technology in the field of hydrocarbons used in petroleum chemistry in Soviet Union. Chem prum 11 no.11: 580-581 N '61.

1. Vyzkumny ustav pre ropu a uhlovodikove plyny.

HRUSOVSKY, Mikulas

Normal alkanes from crude oil as a chemical raw material. Ropa
a uhlie 4 no.12:356-359 D '62.

1. Slovnaft, n.p., Vyskumny ustav pre ropu a uhlovodikove plyny,
Bratislava.

HRUWIC, J.

Chemical problems at the Interantional Conference on the Peaceful Uses of Atomic Energy.

p. 30 (Przeglad Chemiczny. Vol. 12, no. 1, Jan. 1956, Warszawa, Poland)

Monthly Index of EastEuropean Accessions (EEAI) LV. Vol. 7, no. 2,
February 1958

L 45177-66

ACC NR: AT6023973

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overcome these difficulties. The mutual conditional character and the relation between the physical interpretation and the synthesis of logical threshold functions is pointed out. The application of the method to the theory of transistorized circuits is discussed. Orig. art. has: 3 figures and 39 formulas. [Based on author' s abstract] [KP]

SUB CODE: 12/ SUBM DATE: none/ ORIG REF: 006/ SOV REF: 002/
OTH REF: 013/

Card 2/2 *la*

ACCESSION NR: AP4016581

Z/0039/64/025/002/0089/0093

AUTHOR: Hruz, Branislav (Engineer)

TITLE: Data transmission in automatic control circuits

SOURCE: Slaboproudy obzor, v. 25, no. 2, 1964, 89-93

TOPIC TAGS: data transmission, automatic control circuit

ABSTRACT: This article presents the design and practical realization of a system for the transmission of digital data in an automatic control system. A Siemens teletyper is used, and the electronic circuits consist of solid state elements. The transmission is controlled by the use of adjusting memories. Orig. art has: 9 figures and 6 formulas.

ASSOCIATION: Ustav mechaniky a automatizacie Slovenskej akademie vied, Bratislava (Institute of Mechanics and Automation, Slovak Academy of Sciences)

SUBMITTED: 06Oct63

DATE ACQ: 26Feb64

ENCL: 00

SUB CODE: GE, CP

NO REF SOV: 001

OTHER: 004

Card 1/1

HRUZ, Branislav, inz.

A transistorized shift register with a nickel magnetostrictive delay line. Slaboproudy obzor 24 no.7:398-404 JI '63.

1. Vyzkumny ustav matematickych stroju, Praha.

L 45177-66 T IJP(c)

ACC NR: AT6023973

SOURCE CODE: CZ/0000/65/000/000/0063/0072

AUTHOR: Hruz, B. (Engineer)

ORG: none

TITLE: Physical interpretation of threshold logical functions and the synthesis of threshold logical circuits

SOURCE: Slovenska akademia vied. Ustav mechaniky a automatizacie. Vyskumne problemy technickej kybernetiky a mechaniky (Research problems in technical cybernetics and mechanics). Bratislava, Vyd-vo SAV, 1965, 63-72

TOPIC TAGS: Boolean function, threshold function, logic circuit

ABSTRACT: The parametron concept has made it possible to express a given arbitrary Boolean function by means of other functions. Functions which can be directly realized by the parametron are the so-called threshold functions. The article describes modes of physical interpretation of general logical threshold functions, discusses difficulties arising from this interpretation, and shows how to

Card 1/2

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B+1

L 1020-66 EWP(v)/EWP(k)/EWP(h)/EWP(l)

ACCESSION NR: AP5025948

CZ/0039/65/026/005/0291/0295

AUTHOR: Cerny, Jozef, (Engineer); Hruz, Branislav, (Engineer)

TITLE: Linking an analog and a digital computer

SOURCE: Slaboproudý obzor, v. 26, no. 5, 1965, 291-295

TOPIC TAGS: digital computer, logic circuit, analog computer, optimal automatic control

ABSTRACT: ⁴ [Authors' Russian and English summaries, modified]:
The article describes the basic block diagram linking an analog and a digital computer in modelling optimum control systems. The requirements for the connecting channels are determined. Finally, the designing and practical realization of the linking of an analog-digital transducer to a digital computer by means of ferro-transistor logical circuits is described. Orig. art. has: 10 figures and 13 formulas.

ASSOCIATION: Ústav mechaniky a automatizácie Slovenskej akadémie vied, Bratislava
(Institute of Mechanics and Automation, Slovak Academy of Sciences)

Card 1/2

L 1020-66

ACCESSION NR: AP5025948

SUBMITTED: 05Dec64

ENDL: 00

SUB CODE: DP

NR REF SOV: 000

OTHER: 011

JPRS

Card ¹¹⁷ 2/2

L 21353-66 T IJP(c)

ACC NR: AP6010913

SOURCE CODE: CZ/0039/65/026/010/0582/0587

AUTHOR: Hruz, Branislav (Engineer)

ORG: Institute of Mechanics and Automation, SAV, Bratislava (Ustav mechaniky a automatizacie SAV)

35
B

TITLE: Realization of higher-order logical threshold functions by means of a given set of lower-order logical threshold terms

16.11.55

SOURCE: Slaboproudy obzor, v. 26, no. 10, 1965, 582-587

TOPIC TAGS: automatic control, mathematic logic, function

ABSTRACT: Certain recurrent relations are derived for the field of logical threshold functions. With the aid of majority logical terms, these relations make possible the expansion of the method of realizing logical threshold functions, to include the more general realization by means of logical threshold terms. Orig. art. has: 3 figures, 65 formulas, and 2 tables. [JPRS]

SUB CODE: 12, 09, 13 / SUBM DATE: 16Apr65 / ORIG REF: 005 / OTH REF: 007
SOV REF: 001

Card 1/2

EDC: 621.316.5.001

UCHYTEL, B.; HRUZA, E.; TRESNAK, J.

Our experience with function test of the vestibular analyzer by a cupulometric rotation methods using a revolving chair of our construction. Cesk.otolar. 8 no.6: D '59.

1. Klinika chorob ušnich, nosních a krcních lekárske fakulty
University v Brne, prednosta prof.dr. Fr. Ninger.
(VESTIBULAR APPRATUS funct. tests.)

HRUZA, J.

[Faint, illegible text]

Eczema according to data of the dermatologic clinic in Brno.
Lek. listy, Brno 7 no.7:180-182 1 Apr 1952, (CLML 22:2)

1. Of the Dermato-Venereological Clinic (Head--Prof. Ant. Tryb,
M. D.) of Masaryk University in Brno.

HRUZA, J.

"Problems of Economy of Water in Our Villages in the Set-Up of Socialist Agriculture".
p. 317 (VODNI HOSPODARSTVI, Vol. 3, No. 11, November 1953, Praha, Czechoslovakia).

SO: Monthly of East European Accessions, LC, Vol. 3, No. 5, May 1954, Unclassified.

HRUZA, J.

Water and the village in socialist agriculture. p. 37.

Vol. 4, no. 2, Feb. 1954
VODNI HOSPODARSTVI
Praha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 8, August 1956

HRUZA, J.

Regional planning and construction. p. 140.
POZEMNI STAVBY. (Ministerstvo stavebnictvi) Praha.
Vol. 3, no. 4, Apr. 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress,
Vol. 4, No. 12, December 1955.

HRUZA, J.

HRUZA, J. Activist meeting on economy of water in agriculture. p. 297.
Directives for calculating the demand for water for drinking
and utility and for planning water-supply installations. p. 299.

Vol. 5, No. 8, Aug. 1955
VOENI HOSPODARSTVI
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accessions, Vol. 5, No. 5, May 1956

HRUZA, J.

Let us use experiences of the Soviet land reclamation techniques.

p. 505 (Vestnik) Vol 4 no 10 1957. Praha, Czechoslovakia.

SO: Monthly Index of East European Accessions (EEAI) LC, Vol 7 no 1 Jan 1958

HRUZA, J.

Possibilities for a better utilization of improvement with regard to water management.

P. 3. (VODNI HOSPODARSTVI) (Praha, Czechoslovakia) No. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

HRUZA, J.

AGRICULTURE

Periodical VESTNIK. Vol. 5, no. 11, 1958.

HRUZA, J. Irrigation and drainage of land as a means of increasing the per-hectare yields. p. 596.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3, March, 1959. Uncl.

HRUZA, Jan

Some tasks of soil-improvement research imperative for the further development of agriculture in our country and other peaceful countries. Vestnik CSAZV 8 no.5:315-317 '61. (EEAI 10:6)

1. Dopisujici clen Ceskoslovenske akademie zemedelskych ved.
(Agriculture) (Soils)

HRUZA, Jan, prof., dr., inz., ScD.

Planning and designing irrigation works. Vodni hosp 13 no.4:
159 '63.

Hruza, J.

Xanthoma disseminatum with diabetes insipidus. Cesk. dermat.
29 no.3:153-155 My'64

1. Kozni oddeleni nemocnice v Kyjove; vedouci MUDr. J.Hruza.

HRUZA, Z.; JELINKOVA, M.; HLAVACKOVA, V.

The metabolism of fat and collagen in rats adapted to adrenaline and ACTH injections. *Physiol. Bohemoslov.* 13 no.1:81-86 '64.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague.

*

HRUZA, Z.;POUPA, O.;HOLECKOVA, E.

"Factors Affecting the Resistance of the Gastric Mucosae to Hunger
Erosions." p. 147,
(CESKOSLOVENSKA FYSIOLOGIE, Vol. 3, No. 2, May 1954, Praha, Czechosl ovakia)

SO: Monthly List of East European Accessions, (MEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

HOLECKOVA, E.; HRUZA, Z.; POUPA, O.

Effect of certain factors on resistance of the gastric mucosa and its relation to erosions consecutive to hunger. Chekh. fiziol. 3 no.2:153-160 1954.

1. Institut issledovaniya narodnogo pitaniya, fiziologicheskoye otdeleniye, Praha.

(STOMACH, physiology,

eff. of hunger on gastric mucose in animals, variations in resist. to hunger-induced erosions)

(MUCOUS MEMBRANES,

stomach, eff. of hunger in animals, variations in resist. to hunger-induced erosions)

(HUNGER, effects,

on stomach mucosa in animals, resist. to hunger-induced erosions)

HRUZA, Z.

The loss of substance of some of the parenchymatous organs during ontogenesis. Chekh. fiziol. 3 no.3:252-259 1954.

1. Institute for Research of Human Nutrition, Physiology
Department, Prague.

(STARVATION, experimental,

loss of parenchymatous tissue in starving rats, age factor)

(AGING,

age factor in loss of parenchymatous tissue in starving rats)

(BODY WEIGHT,

loss of parenchymatous tissue in starving rats, age factor)

HRUZA, Z.; FABRY, P.

Studies on metabolic adaptation. II. Adaptation of protein metabolism to various types of nutrition. *Cesk. fysiол.* 4 no.3: 293-295 1955.

1. Ustav pro vyzkum vyziivy lidu, fysiologicke oddeleni, Praha.
(PROTEINS, metabolism,
eff. of diets in animals, adaptation)
(DIETS, effects,
on protein metab., adaptation in animals)

117427, 2
EXCERPTA MEDICA Sec.2 Vol.9/8 Physiology, etc. Aug56

3417. HRŮZA Z. Úst. pro výzkum výživy, fysiolog. Odd., Praha. *O některých chemických vlastnostech t.zv. rezervní bílkoviny. Chemical properties of 'reserve protein' ČSL. FYSIOL. 1955, 4/4 (411-418) Graphs 5 Tables 2

Adult female white rats were fed diets containing either 45.7, 2.4 or 25.5 cal. % proteins. After 4 weeks the animals in the 3 groups were sacrificed and proteolysis in their livers after addition of pepsin was determined using 2 different methods. Results indicate that liver proteins from rats on a high-protein diet are less resistant to pepsin proteolysis than liver proteins from animals on a low-protein diet.
Hahn - Prague

FABRY, P.; HRUZA, Z.

The effect of growth hormone on realimentation of rats adapted to intermittent starvation. *Physiol. bohém.* 5:10-13 Suppl. 1956.

1. Physiological Laboratory of the Research Institute of Human Nutrition, and Laboratory of Physiology and Pathophysiology of Metabolism, Czechoslovak Academy of Sciences, Prague.

(SOMATOTROPIN, eff. . . .)

on body weight in realimentation period of rats adapted to intermittent starvation.)

(BODY WEIGHT, eff. of drugs on

somatotropin in realimentation period of rats adapted to intermittent starvation)

(STARVATION, exper.

eff. of somatotropin on body weight in realimentation period of rats adapted to intermittent starvation.)

JELINKOVA, M.; HRUZA, Z.

Decreased effect of norepinephrine and growth hormone on the release of free fatty acids in old rats. *Physiol. Bohemoslov.* 13 no.4:327-332 '64.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague.

HRUZA, Z.

The so-called reserve proteins in the liver in rats during the postnatal period. Cesk. fysiол. 5 no.1:29-34 26 Mar 56.

1. Ustav pro vyzkum vyzyvy lidu, fysiologicke oddeleni, Praha.
(LIVER, metabolism,
proteins, in newborn rats (Cz))
(PROTEINS, metabolism,
liver, in newborn rats (Cz))

HRUZA, Z.

CZECHOSLOVAKIA/Human and Animal Physiology - Metabolism.

V-2

Abs Jour : Ref Zhur - Biol., No 2, 1958, 8278

Author : Z. Hruza

Inst : -

Title : Metabolic Adaptation. III. The Change in Certain Properties of the Proteins of the Liver as a Result of Short-term and Long-term High-Protein Diets

Orig Pub : Ceskosl. fysiол., 1956, 5, No 1, 35-39

Abstract : The amount of protein in the livers of rats which received over a period of 10 days to 6 months a diet with a varying protein content (2.4 to 50.6%) was determined as well as their cleavability by pepsin. When the animals were kept for a short period (4 weeks) on a high protein diet, the amount of liver protein increased at the expense of the accumulation of reserve protein; subsequently, when the diet was maintained up to six months, the protein level fell to that observed in the livers of animals on a diet

Card 1/2

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6-4978. Chemical properties of reserve protein. *J. Neuro Physiol*
1966 6: 38-45. Res. Inst. for Human ~~PHYSIOLOGY~~ Physiol.
Dept. Prague 1, Czechoslovakia. The protein in the livers of rats
fed a high protein diet for 4 weeks was more sensitive to proteolysis
in vitro than that of rats fed a medium to low protein diet for the
same length of time. This finding suggests that easily degradable
protein exists in the livers of animals fed a high protein diet which
could be mobilized in response to increased requirements for amino acids
in the diet.

EXCERPTA MEDICA Sec.2 Vol.10/8 Phy.Biochem. Aug 57

3329 HRÚZA Z. Ústav pro Výzkum Vyžlivity Lidu, Fysiol. Odd., Praha. O cyklických změnách přeměny bílkovin v játrech krys. Cyclic changes in protein metabolism in rat liver ČSL.FYSIOL. 1956, 5/1 (40-44) Graphs 1 Tables 2

Sixty-six female rats (average weight 160 g.), were fed a diet containing 25.5 cal.% proteins, 21.7 cal.% fats and 52 cal.% carbohydrates together with the usual vitamin and salt complements. Food was given between 2 and 4 p.m. Liver protein content changed during 24 hr. by 18%. The anabolic and catabolic phases of protein metabolism occurred after the same phases of carbohydrate metabolism. N.P.N. was not affected by diets containing a high or low percentage of proteins.

Hahn - Prague

HRUZA, Z.

Studies on the adaptation of metabolism. III. A change of some properties of liver protein on the short-term and long-term intake of a high protein diet. *Physiol. bohém.* 5 no.1:46-51 1956.

1. Research Inst. for Human Nutrition, Physiology Dept. Prague.
(LIVER, metabolism,
proteins, peptic proteolysis in rats fed during short &
long terms high protein diets.)
(PROTEINS, metabolism,
liver, peptic proteolysis in rats fed during short & long
terms high protein diets)

Although the amount of protein in the livers of rats fed a high protein diet for a month was greater than that in the livers of rats fed a low protein diet for a month and its resistance to peptic proteolysis was decreased, when rats were fed these diets for 6 months, no differences were found either in the amount of protein present in the livers or in its readiness to be broken down by pepsin.

HRUZA, Z.

Cyclical changes in the metabolism of proteins in the liver of rats. *Physiol. bohém.* 5 no.1:52-57 1956.

1. Research Inst. of Human Nutrition, Physiology Dept., Prague.
(LIVER, metabolism,
daily cyclicality in rats)
(PROTEINS, metabolism,
liver, daily cyclicality in rats)
(PERIODICITY,
daily cyclicality of liver protein metab. in rats)

In rats fed a medium protein diet, the amount of protein present in their livers during the 24 hr. varied by about 15%. The increase in protein was related to the intake of food, but occurred after that of glycogen as also did the catabolic phase. Non-protein N formed 6.43% of the total N in the livers of rats fed either a high or low protein diet. The slight change in the amount of non-protein N in the livers during the 24 hr. probably depends, in the anabolic phase of liver activity, on the changes in the food intake, and in the catabolic phase, in the breaking down of liver protein.

FABRY, P.; HRUZA, Z.

Daily rhythm of glycogen and protein reserves in the liver in fasting rats. Cesk. fysiolo. 5 no.2:129-134 23 June 56.

1. Ustav pro vyzskum vyzivy lidu, fysiologicke oddeleni Praha.
 - (LIVER, metabolism,
glycogen & proteins, daily rhythm in fasting rats (Cz))
 - (GLYCOGEN, metabolism,
liver, daily rhythm in fasting rats (Cz))
 - (PROTEINS, metabolism,
same)
 - (PERIODICITY,
daily rhythm of liver glycogen & protein metab. in
fasting rats (Cz))
 - (FASTING, effects,
on liver glycogen & protein metab., daily rhythm (Cz))

Hruza, Z.

CZECHOSLOVAKIA/Human and Animal Physiology - Metabolism.

V-2

Abs Jour : Ref Zhur - Biol., No 2, 1958, 8280

Author : Fabry and Z. Hruza

Inst : -

Title : Metabolic Adaptation. IV. The Adaptation of Glyconeogenesis in Rats Accustomed to Periodic Hunger.

Orig Pub : Ceskosl. fysiolog., 1956, 5, No 2, 135-140

Abstract : The experiments were conducted on young male rats weighing 135--160 gm, kept at 21--23 deg. on an ordinary diet (49.2 cal.% carbohydrates and 25.4 cal.% fats and proteins). For the first two weeks the experimental rats were fed once a day, subsequently three times a week, and then twice a week. The feeding of the control animals was not restricted. In the beginning of the experiment the control and the experimental rats went without food for 32 hours; then for a period of 16 hours received a carbohydrate-free diet after which the animals were again deprived of food.

Card 1/3

APPROVED FOR RELEASE: 09/21/2001

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CZECHOSLOVAKIA/Human and Animal Physiology - Metabolism.

V-2

Abs Jour : Ref Zhur - Biol., No 2, 1958, 8280

The same amount of glycogen (about 2.5% the weight of whole liver) was found in the livers of rats of both groups following the 16-hour feeding with the carbohydrate-free ration. After 16 hours of the subsequent period without food, the liver glycogen of the experimental animals was 1.65% of the whole tissue weight; that of the control animals was 0.39%. After 32 hours without food the liver glycogen content of the rats of both groups leveled off, and after three days it was higher among the control animals. Since glyconeogenesis in the liver after carbohydrate-free feeding was retarded in comparison with that accompanying a mixed diet, in the second series of experiments the rats received a carbohydrate-free diet for two days. Following this a considerably greater glycogen content was found in the livers of the experimental rats (those adapted to hunger) than in the livers of the control animals (2.12 and 1.35% respectively). Two days

Card 2/3

HRUZA, Z.

Reserve protein in the liver of rats in the post-natal period.
Physiol. bohém. 5 no.2:149-154 1956.

1. Institute for Human Nutrition, Physiology Department, Prague.
(LIVER, metabolism,
proteins newborn normal & fasting rats)
(PROTEINS, metabolism,
liver in newborn normal & fasting rats)
(FASTING, effects,
on liver protein in newborn rats, comparison with
normal newborn rats)

CAPKOVA, J.; HRUZA, Z.

Differences in the activity of the lobes of the liver.
Physiol. bohém. 5 no.3:269-274 1956.

1. Institute of Human Nutrition, Department of Physiology,
Prague.

(LIVER, physiology,
funct. variations of individual lobes)

USSR/Human and Animal Physiology - Liver.

T-8

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31899

Author : Capkova, J., Hruza, Z.

Inst : -

Title : On the Difference in Function of the Lobes of the Liver.

Orig Pub : Ceskosl. fysiол., 1956, 5, No 3, 283-287.

Abstract : Ink introduced into the tissue of the spleen of rats dyed the left lobe of the liver in the course of $3\frac{1}{2}$ -10 minutes and in 45 minutes spread equally throughout the entire organ. Glucose (10 ml of a 6% solution) drunk by hungry rats accumulated more in the right lobe of the liver, in the course of the first hour and through 2-3 hours spread equally along all lobes. Blood issuing from the small intestine goes for the most part into the right lobe of the liver, not mixing with blood from other organs of the abdominal cavity.

Card 1/1

H N I A L Z

HDU 27.2

FALTOVA, E.; HOLECKOVA, E.; HRUZA, Z.

Relation of lesions of the stomach in rats on loss of body substance in hunger. Cesk. fysiolog. 5 no.4:449-455 1956.

1. Laborator pro Fysiologii a Pathofysiologii premeny latek CSAV, Praha.

(STOMACH, physiology,

eff. of exper. lesions on body weight in fasting rats (Cz))

(FASTING, effects,

on body weight in rats with gastric lesions (Cz))

(BODY WEIGHT,

eff. of gastric lesions on weight loss in fasting rats (Cz))

CZECHOSLOVAKIA/Human and Animal Physiology. Metabolism

T-2

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 64914

Author : Fabry P., Hruza Z.

Inst : -

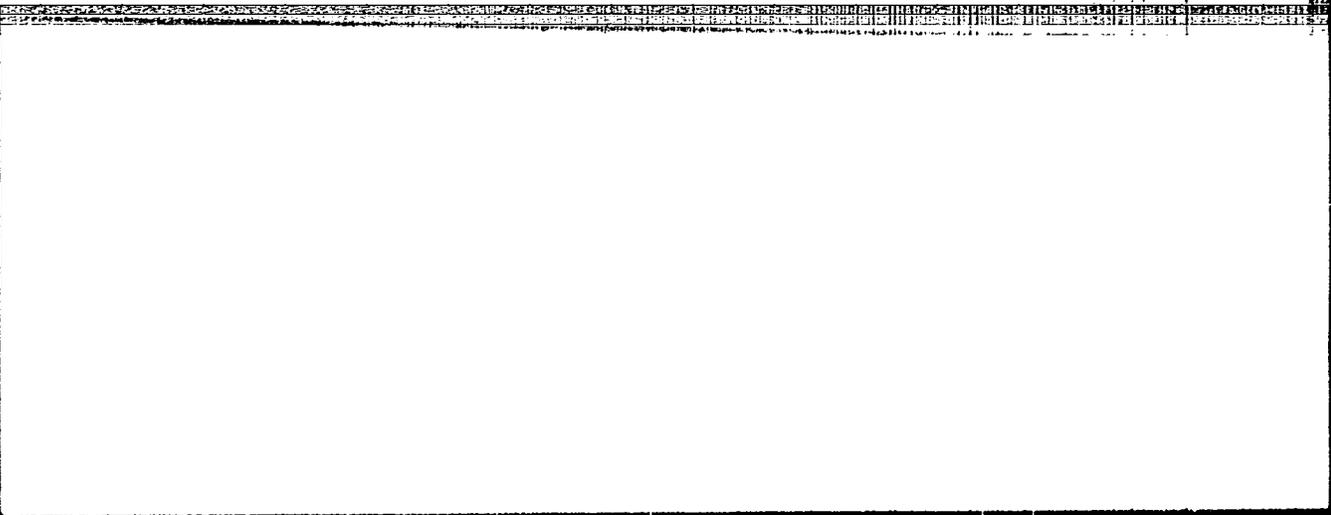
Title : The Daily Rhythm in the Fluctuations of the Reserves of
Protein and Glycogen in the Liver

Orig Pub : Ceskosl. gastroenterol. a vyziva, 1956, 10, No 4-5,
222-225

Abstract : No abstract

Card : 1/1

"APPROVED FOR RELEASE: 09/21/2001 CIA-RDP86-00513R000618230005-6



APPROVED FOR RELEASE: 09/21/2001 CIA-RDP86-00513R000618230005-6"

Protein synthesis in the organism. E. Hruza (Acad
Sci Prague) (1974) (1975) 48.
The synthesis of proteins is regulated on a
genetic level. It is controlled by
the genetic code. The genetic code is
universal. It is the same in all organisms.
The genetic code is a triplet code. Each
amino acid is coded for by a triplet of
nucleotides. The genetic code is
non-overlapping. Each nucleotide is
part of only one codon. The genetic
code is degenerate. Several different
codons can code for the same amino acid.
The genetic code is commaless. There are
no commas between codons. The genetic
code is read in the 5' to 3' direction.
The genetic code is read in the
reading frame. The reading frame is
determined by the start codon. The
start codon is AUG. The start codon
codes for the amino acid methionine.
The genetic code is universal. It is the
same in all organisms. The genetic
code is a triplet code. Each amino acid
is coded for by a triplet of nucleotides.
The genetic code is non-overlapping. Each
nucleotide is part of only one codon.
The genetic code is degenerate. Several
different codons can code for the same
amino acid. The genetic code is
commaless. There are no commas between
codons. The genetic code is read in the
5' to 3' direction. The genetic code is
read in the reading frame. The reading
frame is determined by the start codon.
The start codon is AUG. The start codon
codes for the amino acid methionine.

L

11K-57
ENCERPTA FEDERA, Dec 20 Vol 1/5 Geront. 1957, 1/5 (279-287) Graphs 4

808. *Some metabolic and endocrine changes due to long lasting caloric restriction.* Hruza Z. and FABRY P. Lab. for Physiol. and Pathophysiol. of Metabol., Czech. Acad. Sci. and Inst. for Human Nutrition, Prague *Gerontologia (Basel)* 1957, 1/5 (279-287) Graphs 4 Tables 1

McCay demonstrated that restricted feeding of growing rats prolongs their life span by about a third. Proceeding from this work, the adaptation of rats to 6 weeks of intermittent starvation was studied. (1) The growth decrement of underfed rats can be compensated for during realimentation if growth hormone (STH) is administered when the growth curve flattens out. The virtual (calculated) period of growth of adapted animals is significantly longer than that of control animals. (2) In animals adapted to intermittent starvation the weight of the seminal vesicles was larger than that of control animals even after 30 weeks of realimentation. (3) In rats underfed by daily restriction of caloric intake the amount of collagen in the liver decreases, whereas in the lungs it increases in spite of undernutrition (Chvapil and Hruza). Results are discussed with respect to the findings of McCay concerning the prolongation of life in underfed rats. The results indicate that the biological age of underfed rats is decreased.

HRUZA, Z.; POUPA, O.

Studies on the Adaptation of Metabolism V. A Method of Experimental Traumatization in the Noble-Collip Drum. *Physiol. bohém.* 6 no.2:179-187 1957.

1. Laboratory for the Physiology and Pathophysiology of Metabolism, Czechoslovak Academy of Sciences, Prague.

(METABOLISM

metab. adaptation to exper. trauma, Noble-Collip drum method)

(ADAPTATION

same)

HRUZA, Z.

CHVAPIL, M.; HRUZA, Z.

Studies on fibroplasia. VI. Effect of malnutrition and of diets with various protein contents on organic scleroprotein content in rats in physiological fibroplasia. *Cesk. fysiол.* 6 no.3:329-336 Aug 57.

1. Ustav hygieny prace a chorob z povolani, laborator pro fysiologii a pathofysiologii premeny latek, CSAV, Praha.

(PROTEINS, metabolism,

scleroproteins, eff. of malnutrition & diets with various protein contents on synthesis (Cz))

CZECHOSLOVAKIA / Human and Animal Physiology. Metabolism.

T-2

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3071

Author : Smetana, R.; Hruza, Z.; Korinek, J.

Inst : ~~Biologicky~~ Ustredni laborator FN I. a Laborator pro fyziologii a ***

Title : Paper Electrophoresis of Liver Protein Extracts in Rats on a Starvation Diet

Orig Pub : Ceskosl. fysiол., 1957, 6, No 3, 337-340

Abstract : The protein composition of a liver extract was studied in rats on normal and starvation diets. The degree of extraction was the same in both groups. In the starving animals, no changes in the protein composition were noticed in a weight loss up to 25%. A loss of weight of more than 30% was accompanied by a decrease of protein fraction 4, and a marked increase of fraction 6. On the basis of the findings obtained, it does not seem possible

***pathofyziologii premeny latek CSAV, Praha.

Card 1/2

7

CZECHOSLOVAKIA / Human and Animal Physiology. Metabolism.

T-2

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3065

is of the opinion that the "maturity" of collagen depends on the amount of oxyproline in its molecule. -- S. Ya. Marmorshteyn

Card 2/2

HRUZA, Z.; SMETANA, R.

Electrophoretic changes of liver proteins in traumatic shock and following administration of tetrachlormethane. Cesk. fysiол. 6 no.4:516-519
Nov 57.

1. Laborator pro fysiologii a pathofysiologii premeny latek CSAV a
Ustredni laborator Fakultni nemocnice, Praha.

(CARBON TETRACHLORIDE, effects,
on liver proteins, electrophoresis (Cz))

(SHOCK, experimental,
liver proteins in, electrophoresis (Cz))

(PROTEINS, metabolism,
liver, in exper. shock & eff. of carbon tetrachloride (Cz))

(LIVER, metabolism,
proteins, in exper. shock & eff. of carbon tetrachloride (Cz))

Czechoslovakia/General Problems of Pathology - Shock U-1

Abs Jour : Ref Zhur - Biol., No. 18, 1958, 84800

Author : ~~Hruza, Z.~~, Smetana, R.

Inst : No institute is given

Title : Changes in the Electrophoretic Pattern of Liver Proteins in Traumatic Shock and with the Subsequent Injection of Tetrachlormethane

Orig Pub : Physiol. bohemosl., 1957, Vol. 6, No. 4, 533-538

Abstract : No abstract is given

Card 1/1

12

HRUZA, Z.; CHYTIK, F.

Metabolic changes in animals adapted to trauma. Cesk. fysiolog. 7 no.3:215-216 May 58.

1. Laborator pro fysiologii a patofysiologii premeny latek CSAV, Praha.
(WOUNDS AND INJURIES, exper.
metab. in animals adapted to wds. (Cz))
(METABOLISM,
in animals adapted to wds. (Cz))
(ADAPTATION,
metab. in animals adapted to wds. (Cz))

POUPA, O.; KOPECKY, M.; HRUZA, Z.

Blood circulation in the splanchnic region in animals adapted to wounds.
Cesk. fysiол. 7 no.3:216-217 May 58.

1. Laborator pro fysiologii a patofysiologii premeny latek CSAV, Praha.

(BLOOD CIRCULATION,

in animals adapted to wds. (Cz))

(WOUNDS AND INJURIES,

blood circ. in splanchnic region in animals adapted to
wds. (Cz))

(ADAPTATION,

name)

HRUZA, Z.; CHYTIL, F.

Changes of thymus responses to trauma in rats adapted to traumatic shock.
Cesk. fysiол. 7 no.3:291-292 May 58.

1. Laborator pro fysiologii a patofysiologii premeny latek CSAV, Praha.
(THYMUS, physiол.
response to inj. in animals adapted to traum. shock (Cz))
(WOUNDS & INJURIES
thymus response to inj. in animals adapted to traum. shock
(Cz))

CHYTIL, F.; HRUZA, Z.

Role of the adrenals in amino acid metabolism regulation following injuries.
Cesk. fysiол. 7 no.3:292-293 May 58.

1. Laborator pro fysiologii a patofysiologii premeny letak CSAV, Praha.

(ADRENELECTOMY, eff.

on blood amino acids in exper. inj. (Cz))

(AMINO ACIDS, in blood,

in exper. inj., eff. of adrenalectomy (Cz))

(WOUNDS AND INJURIES, exper.

eff. on blood amino acids, eff. of adrenalectomy (Cz))

HRUZA, Z

"12th scientific conference on nutrition, Moscow, January 27-February 1, 1958."

CESKOSLOVENSKA FYSIOLOGIE, Praha, Czechoslovakia, Vol. 7, no. 4, July 1958

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclas

CHYTIL, F.; HRUZA, Z.

Nitrogen retention following injuries of rats resistant to traumatic shock. Cesk. fysiolog. 7 no.5:481-482 Sept 58.

1. Laborator pro fysiologii a patofysiologii vremeny latek GSAV, Praha.
(NITROGEN, metabolism,
retention in inj. in rats resist. to traum. shock (Cz))
(WOUNDS AND INJURIES, exper.
nitrogen retention in inj. in rats resist. to traum shock
(Cz))
(SHOCK, exper.
same)